IN THE CLAIMS

1.   (cancelled)

2.   (cancelled)

3.   (cancelled)

4.   (cancelled)

5.   (cancelled)

6.   (cancelled)

7.   (cancelled)

8.   (cancelled)

9.   (cancelled)

10.   (cancelled)

11.   (cancelled)

12.   (cancelled)

13.   (currently amended) A method of transmitting information, comprising:

forming a first bit stream including a first data table that includes a first on-screen display message;

forming a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message ~~having a higher on-screen display priority than the first on-screen display message and which is readable independent of the first bit stream~~; and

transmitting the first bit stream and the second bit stream;

the presence of the second on-screen display message in the transmitted second bit stream indicating that the second on-screen display message is an urgent message that requires a device that receives the transmitted first bit stream and the transmitted second bit stream to provide notification of the second on-screen

<u>display message before displaying the first on-screen</u>
<u>display message</u>.

14. (previously presented) The method of claim 13, wherein at least one of the first on-screen display message and the second on-screen display message includes data selected from the group consisting of an originator of the on-screen display message, a level of the on-screen display message, an attribute of the on-screen display message, and an identification number of the on-screen display message.

15. (previously presented) The method of claim 13, wherein the first data table includes a plurality of sections, and the at least one index refers to one of the plurality of sections.

16. (previously presented) The method of claim 15, wherein at least one of the plurality of sections includes a plurality of messages.

17. (previously presented) The method of claim 15, wherein the second data table includes a plurality of indexes each identifying corresponding one of the plurality of sections within the first data table.

18. (previously presented) The method of claim 13, wherein the second data table includes data selected from the group consisting of an originator of the first on-screen display message, a level of the first on-screen display message, an attribute of the first on-screen display message, and an identification number of the first on-screen display message.

19. (currently amended) The method of claim 13, wherein <u>the notification of</u> the second on-screen display message ~~is an~~ <u>includes displaying the</u> urgent message.

20. (previously presented) The method of claim 13, wherein the first bit stream includes another data table having at least one index which refers to a location of another on-screen display message within the first data table.

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21.   (previously presented) The method of claim 13, wherein the first bit stream and the second bit stream are transmitted by respective transponders.

22.   (previously presented) The method of claim 13, further comprising:

forming a third bit stream that includes a third data table having at least one index which refers to a location of an associated on-screen display message within the first data table.

23.   (previously presented) The method of claim 22, wherein the index within the third data table and the index within the second data table refer to a common on-screen display message location within the first data table.

24.   (previously presented) The method of claim 22, wherein the first bit stream, the second bit stream and the third bit stream are each transmitted by respective transponders.

25.   (currently amended) An apparatus for transmitting information, comprising:

an encoder operable to form a first bit stream including a first data table that includes a first on-screen display message;

a second encoder operable to form a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message ~~having a higher on-screen display priority than the first on-screen display message and which is readable independent of the first bit stream~~; and

an output operable to transmit the first bit stream and the second bit stream;

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the presence of the second on-screen display message in the transmitted second bit stream indicating that the second on-screen display message is an urgent message that requires a device that receives the transmitted first bit stream and the transmitted second bit stream to provide notification of the second on-screen display message before displaying the first on-screen display message.

26.   (previously presented) The apparatus of claim 25, wherein at least one of the first on-screen display message and the second on-screen display message includes data selected from the group consisting of an originator of the on-screen display message, a level of the on-screen display message, an attribute of the on-screen display message, and an identification number of the on-screen display message.

27.   (previously presented) The apparatus of claim 25, wherein the first data table includes a plurality of sections, and the at least one index refers to one of the plurality of sections.

28.   (previously presented) The apparatus of claim 27, wherein at least one of the plurality of sections includes a plurality of messages.

29.   (previously presented) The apparatus of claim 27, wherein the second data table includes a plurality of indexes each identifying a corresponding one of the plurality of sections within the first data table.

30.   (previously presented) The apparatus of claim 25, wherein the second data table includes data selected from the group consisting of an originator of the first on-screen display message, a level of the first on-screen display message, an attribute of the first on-screen display message, and an identification number of the first on-screen display message.

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31. (currently amended) The apparatus of claim 25, wherein the notification of the second on-screen display message is an includes displaying the urgent message.

32. (previously presented) The apparatus of claim 25, wherein the first bit stream includes another data table having at least one index which refers to a location of another on-screen display message within the first data table.

33. (previously presented) The apparatus of claim 25, wherein the first bit stream and the second bit stream are transmitted by respective transponders.

34. (previously presented) The apparatus of claim 25, further comprising a third encoder operable to form a third bit stream that includes a third data table having at least one index which refers to a location of an associated on-screen display message within the first data table.

35. (previously presented) The apparatus of claim 34, wherein the index within the third data table and the index within the second data table refer to a common on-screen display message within the first data table.

36. (previously presented) The apparatus of claim 34, wherein the first bit stream, the second bit stream and the third bit stream are transmitted by respective transponders.

37. (currently amended) A readable medium recorded with instructions for carrying out a method of transmitting information, said method comprising:

forming a first bit stream including a first data table that includes a first on-screen display message;

forming a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message having a higher on-screen display priority

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~~than the first on-screen display message and which is~~
~~readable independent of the first bit stream~~; and

transmitting the first bit stream and the second bit stream<u>;</u>

<u>the presence of the second on-screen display message in the transmitted second bit stream indicating that the second on-screen display message is an urgent message that requires a device that receives the transmitted first bit stream and the transmitted second bit stream to provide notification of the second on-screen display message before displaying the first on-screen display message.</u>

38. (currently amended) A method of receiving transmitted information, comprising:

receiving a first bit stream and a second bit stream;

forming, from the first bit stream, a first data table that includes a first on-screen display message;

forming, from the second bit stream, a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message<u>, the presence of the second on-screen display message in the second data table indicating that the second on-screen display message is an urgent message that requires providing notification of the second on-screen display message before displaying the first on-screen display message</u>;

reading the second on-screen display message in the second data table;

<u>providing notification of the second on-screen display message</u>;

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locating the first on-screen display message in the first data table using the index stored in the second data table;

reading the first on-screen display message; and

displaying ~~determining that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of~~ the first on-screen display message~~;~~ ~~and~~ after said providing notification of the second on-screen display message.

39. (currently amended) The method of claim 38, wherein at least one of the first data table and the second data table includes data selected from the group consisting of a level of the on-screen display message and an attribute of the on-screen display message, and the on-screen display priority is determined based on the level or the attribute.

40. (currently amended) (previously presented) The method of claim 38, wherein said step of providing notification of the second on-screen display message ~~is an~~ includes displaying the urgent message~~, and said determining step is based on a presence of the urgent message~~.

41. (currently amended) An apparatus for receiving transmitted information, comprising:

a receiver operable to receive a first bit stream and a second bit stream;

a processor operable to form, from the first bit stream, a first data table that includes a first on-screen display message and to form, from the second bit stream, a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message, the presence of the second on-screen display message in the second data table indicating that the second on-screen display message is an

urgent message that requires said apparatus to provide notification of the second on-screen display message before displaying the first on-screen display message;

said processor being further operable to read the second on-screen display message, to provide notification of the second on-screen display message, to locate the first on-screen display message in the first data table using the index stored in the second data table, to read the first on-screen display message, and to display ~~determine that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of~~ the first on-screen display message~~,~~ ~~and to thereby~~ after providing~~e~~ notification of the second on-screen display message.

42. (currently amended) The apparatus of claim 41, wherein at least one of the first data table and the second data table includes data selected from the group consisting of a level of the on-screen display message and an attribute of the on-screen display message, and the on-screen display priority is determined based on the level or the attribute.

43. (currently amended) The apparatus of claim 41, wherein said processor is operable to provide notification of the second on-screen display message ~~is an~~ by being operable to display the urgent message~~, and said processor is operable to determine that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of the first on-screen display message based on a presence of the urgent message~~.

44. (currently amended) A readable medium recorded with instructions for carrying out a method of receiving transmitted information, said method comprising:

receiving a first bit stream and a second bit stream;

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forming, from the first bit stream, a first data table that includes a first on-screen display message;

forming, from the second bit stream, a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message, the presence of the second on-screen display message in the second data table indicating that the second on-screen display message is an urgent message that requires providing notification of the second on-screen display message before displaying the first on-screen display message;

reading the second on-screen display message in the second data table;

providing notification of the second on-screen display message;

locating the first on-screen display message in the first data table using the index stored in the second data table;

reading the first on-screen display message; and

displaying ~~determining that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of~~ the first on-screen display message~~,~~ ~~and~~ after said providing notification of the second on-screen display message.

45. (currently amended) A method of delivering information, comprising:

forming a first bit stream including a first data table that includes a first on-screen display message;

forming a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within

the first data table and that includes a second on-screen display message;

transmitting the first bit stream and the second bit stream;

receiving the first bit stream and the second bit stream;

forming the first data table from the first bit stream;

forming the second data table from the second bit stream;

reading the second on-screen display message in the second data table, the presence of the second on-screen display message in the second data table indicating that the second on-screen display message is an urgent message that requires providing notification of the second on-screen display message before displaying the first on-screen display message;

providing notification of the second on-screen display message;

locating the first on-screen display message in the first data table using the index stored in the second data table;

reading the first on-screen display message; and

displaying determining that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of the first on-screen display message, andafter said providing notification of the second on-screen display message.

46. (currently amended) A system for delivering information, comprising:

an apparatus for transmitting the information, including:

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an encoder operable to form a first bit stream including a first data table that includes a first on-screen display message,

a second encoder operable to form a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message, and

an output operable to transmit the first bit stream and the second bit stream; and

an apparatus for receiving the transmitted information, including:

a receiver operable to receive the first bit stream and the second bit stream, and

a processor operable to form the first data table from the first bit stream and the second data table from the second bit stream, the presence of the second on-screen display message in the transmitted second bit stream indicating that the second on-screen display message is an urgent message that requires said apparatus for receiving the transmitted information to provide notification of the second on-screen display message before displaying the first on-screen display message,

said processor being further operable to read the second on-screen display message, to provide notification of the second on-screen display message, to locate the first on-screen display message in the first data table using the index stored in the second data table, to read the first on-screen display message, and to display determine that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of the first on-screen display message,

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~~and to thereby~~ after providing~~e~~ notification of the second on-screen display message.

47. (currently amended) A readable medium recorded with instructions for carrying out a method of delivering information, said method comprising:

forming a first bit stream including a first data table that includes a first on-screen display message;

forming a second bit stream including a second data table that includes at least one index which refers to a location of the first on-screen display message within the first data table and that includes a second on-screen display message;

transmitting the first bit stream and the second bit stream;

receiving the first bit stream and the second bit stream;

forming the first data table from the first bit stream;

forming the second data table from the second bit stream;

reading the second on-screen display message in the second data table, the presence of the second on-screen display message in the second data table indicating that the second on-screen display message is an urgent message that requires providing notification of the second on-screen display message before displaying the first on-screen display message;

providing notification of the second on-screen display message;

locating the first on-screen display message in the first data table using the index stored in the second data table;

reading the first on-screen display message; and

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displaying ~~determining that the on-screen display priority of the second on-screen display message is greater than the on-screen display priority of~~ the first on-screen display message~~,~~ ~~and~~after said providing notification of the second on-screen display message.